



New Location   
 Drill Deeper   
 Abandonment

Company PITTSBURGH & W.VA. GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm A. C. ULLUM  
 Tract \_\_\_\_\_ Acres 257 Lease No. 8095  
 Well (Farm) No. ONE Serial No. 4352  
 Elevation (Spirit Level) 752' V.A.  
 Quadrangle WEST UNION S.E. 14  
 County TYLER District CENTERVILLE  
 Engineer Kenneth B. Moore  
 Approved By [Signature] 764  
 Engineer's Registration No. \_\_\_\_\_  
 File No. V.160 P.113 Drawing No. \_\_\_\_\_  
 Date DEC. 7, 1948 Scale 1"=1000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. JYL-564-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

499

WELL RECORD

"GAS"

Permit No. 564-A

Oil or Gas Well (KIND)

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.  
 Farm A. C. Ullum Acres 297  
 Location (waters) West Union S/E. 1-1  
 Well No. 832 Elev. 752' VA  
 District Centerville County Tyler  
 The surface of tract is owned in fee by G. W. Ullum  
 Address Joseph Mills, W.Va.  
 Mineral rights are owned by J. A. Ullum et al.  
 Address Joseph Mills, W.Va.  
 Drilling commenced June 7th, 1915  
 Drilling completed July 30, 1915  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	97'	97'	
13	375'	375'	Size of
10	857'	857'	Depth set.
8 1/4	1639'	1639'	Perf. top
6 5/8	1783'	1783'	Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 CO WAS ENCOUNTERED AT 120 FEET 36 INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	16			
"	Red	"	16	65			
Sand	Black	"	65	85			
Lime	Blue	Hard	85	120			
Native Coal	Black	Soft	120	123			
Slate	Black	"	123	135	Water	130'	
Sand	White	Open	135	160			
Red Rock	Red	Soft	160	180			
Lime	Blue	Hard	180	200			
Red Rock	Red	Soft	200	225			
Lime	White	Hard	225	240			
Hurry Up Sand	"	Soft	240	310			
Lime	"	Hard	310	330			
Sand	"	Soft	330	370			
Slate Shells	Black	Hard	370	420			
Pgh. Coal	"	Soft	420	423			
Slate Shells	"	Hard	423	500			
Slate	"	"	500	535			
Red Rock	Red	Soft	535	555			
Lime	White	Medium	555	570			
Clay	Red	Soft	570	995			
Lime	White	Soft	995	690			
Sand	"	"	690	700			
Clay	"	"	700	710			
Red Rock	Red	"	710	740			
Lime	White	Hard	740	750			
Slate	"	Soft	750	770			
Lime	Dark	Hard	770	785			
Slate	Dark	"	785	820			
Lime	"	"	820	842			
Big Darker	Light	"	842	930			
Slate	Gray	Soft	930	960			
Gas Sand	White	Hard	960	1000			
Lime	"	"	1000	1020			
Sand	Dark	"	1020	1035			
Slate	Gray	Medium	1035	1045			
Sand	Dark	Medium	1045	1090			
Slate	White	Soft	1090	1110			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
1st. Salt Sand	White	Medium	1110	1190			
Slate	Dark	Soft	1190	1200			
2nd. Salt Sand	"	Hard	1200	1309			
Slate	Brown	Soft	1309	1360			
Lime	White	Hard	1360	1402			
3rd. Salt Sand	"	Soft	1402	1455			
Lime	Dark	Hard	1455	1470			
Slate	"	Soft	1470	1485			
Massen Sand	"	Hard	1485	1530			
Slate	"	Soft	1530	1545			
Lime	"	Hard	1545	1575			
Slate	"	Soft	1575	1578			
Little Lime	"	Hard	1578	1602			
Pencil Cove	"	Soft	1602	1612			
Big Lime	White	Hard	1612	1675			
Big Injun			1675	1723			
Slate	Dark	Soft	1723	1732	Gas	1754-1756'	
Big Injun	White	Hard	1732	1781	Gas	1775-1781'	
Slate	Dark	Soft	1781	1782			
Squaw Sand			1782	1826			
Un-recorded			1826	1836			
Total depth.....				1836			

December 22, 1948

Date \_\_\_\_\_, 19\_\_\_\_

**FITTSBURGH & WEST VA GAS COMPANY.**

APPROVED \_\_\_\_\_, Owner

By W. J. [Signature]  
(Title)

J. A. ULLOM NO. 4352 WELL.

Gal. No. 385 (333)

564A

Centerville District, Tyler County, W. Va.  
Philadelphia Co.  
Elevation, 755'.  
Gas well.  
Completed in 1915.  
Original rock pressure, 585 lbs.  
On Big Run.

	Top.	Bottom.
Pittsburgh Coal	420	
Big Dunkard Sand	842	- 930
Big Lime	1616	- 1675
Big Injun Sand (gas, 1754-56')	1675	
Squaw Sand	1782	- 1826
Total depth		1836

095-30564

COMPANY Lease # 8095 Acres 257

FORM 638-14263

Record of Well No. 4952 Located on J. P. Ullman et al Farm April 6 1915  
Canterville District Reflex County West Va State  
 Division A District No. 14 Drilled under well Order 217  
 Rig built by John Craig Began May 28 1915 Completed June 3 1915  
W. N. Young Began June 7 1915 Completed July 30 1915  
 Depth of Well 1785 feet Size of Hole 6 5/8 Producing Gas  
1836 " " " W. 752

CASED WIRE			REMARKS
AMOUNT	SIZE	KIND	<u>6-6 (1090)</u>
			<u>Lease expires Sept 25-1915</u>
<u>97'</u>	<u>13"</u>	<u>Old</u>	
<u>375'</u>	<u>10"</u>	<u>Old</u>	
<u>857'</u>	<u>8 1/4"</u>	<u>"</u>	
<u>1639'</u>	<u>6 5/8"</u>	<u>"</u>	<u>1-6 5/8 x 8 1/4 B. N. Cocker</u>
<u>178 O. Steel Pipe</u>	<u>5 3/16</u>	<u>8575 Old</u>	<u>1-6 5/8 x 7 1/2 3/4 Percolator Anchor Cocker</u>
<u>1797'</u>			<u>1-6 5/8 x 7 1/2 3/4 Percolator 12 ft. bottom 22 ft. perforated</u>
			<u>1-5 3/16 Steel Shoe (W.O. 2229)</u>

COAL VEINS 420  
423

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Big Drum Sand</u>			<u>842</u>	<u>930</u>	
<u>Wagon Sand</u>			<u>960</u>	<u>1000</u>	
<u>1st. Shell</u>			<u>1110</u>	<u>1190</u>	
<u>2nd. Shell</u>			<u>1200</u>	<u>1302</u>	<u>Water 1209-6 Fairly pure</u>
<u>3rd. Shell</u>			<u>1432</u>	<u>1455</u>	
<u>Major Sand</u>			<u>1485</u>	<u>1530</u>	
<u>Little Limestone</u>			<u>1602</u>	<u>1612</u>	
<u>General Case</u>			<u>1612</u>	<u>1616</u>	
<u>Big Limestone</u>			<u>1616</u>	<u>1675</u>	
<u>Big Limestone</u>			<u>1675</u>	<u>1781</u>	<u>Gas 1764-1778-1781-1/20 2 1/2 ft. High</u>
<u>Began drilling at</u>			<u>1781</u>		
<u>Ground level</u>			<u>1782</u>	<u>1826</u>	<u>Note reduced to 5 3/16 at 1783</u>



FORMATIONS  
FORM: O 32-5170

Well # 4352 A. P. Williams

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		120				
Wash Coal	120	123				
Sand	123	160				
Red Rock	160	180				
Shale	180	200				
Red Rock	200	225				
Shale	225	240				
Heavy up-sand	240	310				
Shale	310	350				
Sand	350	370				
Shale & Shells	370	400				
Shale & Shells	400	420				
Oil Coal	420	423				
Shale & Shells	423	500				
Shale	500	535				
Red Rock	535	535				
Shale	535	570				
Shale & Sand	570	710				
Red Rock	710	740				
Shale	740	750				
Shale	750	770				
Shale	770	785				
Shale	785	820				
Shale	820	842				
Big Sandstone	842	930				
Shale	930	960				
Up sand	960	1000				
Shale	1000	1010				
Sand	1010	1035				
Shale	1035	1045				
Sand	1045	1090				
Shale	1090	1110				
1st. Salt Sand	1110	1190				
Shale	1190	1200				
2nd Salt Sand	1200	1309			1209	6 barrels per br.
Shale	1309	1360				
Shale	1360	1402				
Sand	1402	1432				
3rd Salt Sand	1432	1455				
Shale	1455	1470				
Shale	1470	1485				
Medium Sand	1485	1530				
Shale	1530	1545				
Shale	1545	1575				
Shale	1575	1578				
Shale	1578	1602				
Little Shale	1602	1612				
Coarse Sand	1612	1616				
Big Shale	1616	1675				
Big Shale	1675	1781			1754-1756	
Shale	1781	1783			1772-1781	
Total Depth	1836					